

TEMC 2019

Running the Marathon



Audience Question:

How many timesheets does the City of Houston have for Harvey?

Today's Presenters

City of Houston - Finance Department - Finance and Operations

Presenters:

- Meridith Sanders
- Fazal Syed
- Azeezat Suliamon
- Izine Harris

Management:

- Gloria Moreno
- Bobby Qasim
- Arif Rasheed



Disclaimer

The opinions and statements in this presentation are those of the City of Houston, Finance Department Disaster Cost Recovery Group and do not necessarily reflect State / FEMA positions. Please seek final guidance on all PA rules from State and FEMA, in writing.

The Event

Emergency Work

01

- > *Vendor selection and contract type*
- > *Procurement compliance always applies*
- > *Determine what is Emergency/Permanent Work*
- > *Document gathering starts now*
- > *Volunteer tracking*

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Damage Inventory

02

- > *When does this begin?*
- > *Who gathers this information?*
- > *What information should we gather?*
- > *New delivery model becomes obvious at this step*

Dashboard

My Organization

Houston, City of (201-35000-00)

Organization Profile

Organization Personnel

Applicant Event Profiles

Projects

Damages

Work Orders

My Tasks

Calendar

Utilities

Resources

Intelligence

Filters > **Filters Applied**

My Damages Active for PA



Kendall Library

SHOW/HIDE COLUMNS

Damage #	Category	Name	Damage Description	Status	Address	Project #	Project Title
80197	E	HPL - Damaged Contents - Kendall Library	Damaged Contents	Active	609 N. Eldridge, Houston, Texas 77079	45000	HPL - Damaged Contents - Kendall Library
42740	E	HITS - Kendall Library and Community Center's Damaged Network Equipment	Facility sustained water damage. Damaged items include routers and switches.	Active	609 N. Eldridge Pkwy., Houston, Texas 77079	12756	HITS - Kendall Library and Community Center's Damaged Network Equipment
42773	E	HITS - Kendall Library and Community Center	Site sustained major damage per GSD. Damaged items may include items such as but is not limited to...(Show More)	Withdrawn	609 N. Eldridge Pkwy, Houston, Texas 77079		
39787	B	GSD - Kendall Library and Community Center	Area: 28,633 gross square feet Level 1 area: Approximately 9,544 gsf Stories: 3 Facility and surroun...(Show More)	Removed	609 N. Eldridge Pkwy, Houston, Texas 77079		
37052	E	GSD - Kendall Library and Community Center	Entire first floor was submerged. Site is now accessible and in the process Estimate includes \$4M fo...(Show More)	Active	609 N. Eldridge Pkwy, Houston, Texas 77079	14691	GSD - Kendall Library and Community Center

E - i - E - i - What?!

- *Essential Elements of Information (EEI)*
- *Required for each project*
- *Multiple EEIs possible for one project, depending on completion of work and nature of damages*
- *Two aspects:*
 - *Questions*
 - *Documents*

Dashboard

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Questions

MANAGE EEI ANSWERS

- Does the Applicant have the legal responsibility to perform this work? Yes
- Are the damages in the designated disaster area? Yes
- Was the facility damaged as a direct result of the incident? Yes
- Was the facility regularly maintained? Yes, 1 document required
- Prior to the disaster, was the facility under construction or scheduled for repair / replacement? No
- Does the applicant lease the facility? No

Were the facilities damaged:

- Buildings? Yes, 2 documents required

How many buildings were damaged?

1

Please provide a listing of all buildings and their ages.

GSD - Kendall Library and Community Center (built in 2009) is a(n) 3 story library and community center described as 28,633 SQ FT with decorative siding, and flat roof with p arapet. First and second stories are constructed of painted CMU. The structure has a combined area on level one that included classrooms and a gymnasium. The entire first floor was subjected to 4 FT of standing surface water flooding that remained in the building for up to 4 weeks. All architectural components on the interior had been removed

Dashboard

My Organization

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EEI List

EEI Questions

Required Documents

Filters

STATUS

Select...

PROCESS STEP

Select...

	Name	Version	Status	Process Step	Question Status	Document Status	Created By	Created On	Last Action By	Last Action On
OPTIONS	Completed Lane - Category E	1	Canceled	Process Discontinued			MCNITT, KRISTA	04/02/2018 08:22 AM CDT	MCNITT, KRISTA	04/12/2018 04:31 PM CDT
OPTIONS	Completed Lane - Category F	1	Open	Pending Applicant Response	14 / 14	0 / 1	MCNITT, KRISTA	04/12/2018 04:32 PM CDT	MCNITT, KRISTA	04/12/2018 04:36 PM CDT
OPTIONS	Direct Administrative Cost	1	Complete	EEI Accepted by FEMA	1 / 1		MCNITT, KRISTA	12/16/2017 01:51 PM CST	MCNITT, KRISTA	03/09/2018 01:23 PM CST
OPTIONS	Standard Lane - Category E	1	Open	Pending Applicant Response	38 / 38	2 / 3	MCNITT, KRISTA	12/16/2017 01:51 PM CST	Boyko, Brent A.	07/17/2018 10:18 AM CDT

10 Showing 1 to 4 of 4 entries

Previous 1 Next

Project Brief Description

GSD - Kendall Library and Community Center (built in 2009) is a(n) 3 story library and community center described as 28,633 SQ FT with decorative siding, and flat roof with parapet. First and second stories are constructed of painted CMU. The structure has a combined area on level one that included classrooms and a gymnasium. The entire first floor was subjected to 4 FT of standing surface water flooding that remained in the building for up to 4 weeks. All architectural components on the interior had been removed from the floor to ceiling on the first floor prior to the site inspection., located at 609 N. Eldridge Pkwy Houston TX 77079 (29.772780 -95.620710). Facility components including a completed work external transformer were damaged by surface water flooding beginning 8/25/2017.

EEI List

EEI Questions

Required Documents

HELP

- Standard Lane - Category E - Version 1 2 / 3
 - [4] Was the facility regularly maintained? 1 / 1
 - Maintenance Record (+ Add | + Add)
 - 14691 DR4332TX Maintenance Records - Kendall Library and Community Center.pdf (X Remove)
 - [7] Buildings facilities were damaged 1 / 2
 - Maps and Locations Listing (+ Add | + Add)
 - WO # 2872 - DI # 37052 - DR4332TX - Location Map.pdf (X Remove)
 - Applicant Provided SOW/Cost Estimate (+ Add | + Add)
- Direct Administrative Cost - Version 1
 - No documents are required for this EEI.
- Completed Lane - Category F - Version 1 0 / 1
 - [4] Facility was regularly maintained 0 / 1
 - Maintenance Records & Site Inspection Reports (+ Add | + Add)

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Site Inspections

03

- > *Who usually attends a site inspection?*
- > *What data do we need prior?*
- > *What to expect during a site inspection*

Site Inspection - Preparation

- *How are site inspections scheduled*
- *Confirmation call*
- *Tips and Tricks:*
 - *Wear safety equipment and appropriate clothing (hard hat, long shirt, pants, safety vest, ankle high steel-toe boots)*
 - *Carry tools (flashlight, measuring tape, screw driver)*
 - *Be prepared with damage details to avoid Damage Under Review (DUR) questions from FEMA site inspectors*
 - *Bring a camera / smartphone*

Site Inspection Common Questions

How high was flood water from Hurricane Ike in site location?

Will COH use contract or force account for repair ?

Was there any mitigation project done on site location prior to Harvey?



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Project Formulation

04

- > *Damage Description and Dimensions*
- > *Scoping and Costing*
- > *Contract work vs. Force Account*

Damage Description and Dimensions

> *Definition:*

> *Damage under review - DURS*

> *Discrepancies*

> *Approvals*

- Critical: Elevator Pit 105A/105B:

- Interior Building, 1 each of Hydromatic sump pump; submersible sump/effluent/sewage pump; Model SKHS50A1; 115v; 14.2 amps; 0.5 HP; single phase; 60Hz; with power supply in 2 x 2 x 2 FT pit , rendered inoperable due to being submerged in 49 IN of surface water flooding that remained for over 3 weeks. Sump pump pit is below the elevator pit invert. The elevator pit is below the finished floor elevation, 0% work completed.
- Building, 2 each of 24 IN Florescent lighting, fully submerged by floodwaters to a depth of 49 IN above the building finished floor elevation. Elevator pit is below the finished floor elevation. , 0% work completed.

- Critical: Exterior Site:

- Exterior Site, 1 each of Square D Sorgel 3 Phase General Purpose Transformer; Cat. no. EE75T3HF1SCUNLP; 74kVA; H.V. 480v; H.V. Amps 90; L.V. 208Y/120; L.V. Amps 208; 60 Hz; 29.77318 -95.62046, rendered inoperable due to being submerged in 49 IN of surface water flooding that remained for over 3 weeks, 0% work completed.
- Exterior Site, 1 each of General Electric/Type OL Transformer; Cat no. 9T83B3874; 75 kVA; 3 phase; Primary 480V; Secondary 208V; 29.77318 -95.62046, rendered inoperable due to being submerged in 49 IN of surface water flooding that remained for over 3 weeks, 0% work completed.
- Exterior Site, 1 each of HPS Hammond Power Sol/Type K transformer; Part no. SG3A0075KB; 480v; 75kVA; 3 phase; 60 Hz, fully submerged by floodwaters to a depth of 49 IN for 3 weeks. , 100% work completed.
- Exterior Site, 4 each of Blink EV/Type 3R Raintight car recharger; EVSE Charging station; In/Out 120/208Y; 120/240 VAC; single phase; 60 Hz; electrical conduit; Model No. PE-30K1CE48, Serial no. 103190; PE-30KICE60, Serial no. 205482; PE-30K1CE60, Serial no. 205503; PE-30KICE60, Serial no. 205481. (1 Handicap) 58 IN tall and (3) 70 IN tall on 3 x 3 x0.42 FT concrete pads 29.77244 -95.62060, rendered inoperable due to being submerged in 49 IN of surface water flooding that remained for 4 weeks, 0% work completed.

Scoping and Costing

> Who is responsible

> Methods of Costing

> Completion of EEI

Data Release - Year 2017 Quarter 4										Unit Cost Estimate									
ODD	CSI	Reporter	Damage Cause	Key	Quantity	Line Number	Line Source	Subcontracted	Description	Crew	Daily Output	Labor Hours	Unit	Material	Labor	Equipment	Total	Ext. Mat.	Ext. Labor
					000	General Scope Items													
	02	T	F	000T	19,453.00	USER DEFINED			Unid. Demo Allowance - Scope of Work not identified, but may be required to perform.				BOSF	\$ -	\$ 0.50	\$ -	\$ 0.50	\$ -	\$ 9,726.50
					001	Room 101-Lobby Watermark 2.5"													
1A	09	F	F	001F	1615	090505202020			Flooring demolition, tile, ceramic, mud set	2 Clab	625	0.03	S.F.	\$ -	\$ 0.47	\$ -	\$ 0.47	\$ -	\$ -
1A	09	F	F	001F	1615	093113106330			Tile, ceramic, 100% recycled glass, standard colors, 12" x 12"	07	160	0.1	S.F.	\$ 24.06	\$ 2.03	\$ -	\$ 26.09	\$ -	\$ -
1A	09	F	F	001F	1615	093216102200			Quarry tile, 6" x 6" x 1/2" thick, for epoxy coat & mortar bed	07	360	0.06	S.F.	\$ 2.38	\$ 0.93	\$ -	\$ 3.31	\$ 3,843.70	\$ 1,801.96
1B	26	T	F	001T	0.75	260505101540			Wire, THHN-THWN-THHN, #12, electrical demolition, removed from in place conduit, to 15' high - 3 Gang	1 Elec	55	0.14	C.L.F.	\$ -	\$ 4.50	\$ -	\$ 4.50	\$ -	\$ 3.38
1B	26	T	F	001T	0.75	260519900030			Wire, copper solid, 600 volt, #12, type THWN, in conduit - 3 Gang	1 Elec	11	0.70	C.L.F.	\$ 11.40	\$ 22.50	\$ -	\$ 33.90	\$ 8.55	\$ 16.55
1B	26	T	F	001T	3	260505101780			Receptacle & switch plates, electrical demolition, removal	1 Elec	257	0.03	Ea	\$ -	\$ 0.96	\$ -	\$ 0.96	\$ -	\$ 2.55
1B	26	T	F	001T	3	260505101790			Receptacle & switches, 15 to 20 amp, electrical demolition, removal - 3 Gang	1 Elec	135	0.05	Ea	\$ -	\$ 1.54	\$ -	\$ 1.54	\$ -	\$ 5.52
1B	26	T	F	001T	3	262726202470			Copper receptacle, grounded, 120 volt, 20 amp - 3 Gang	1 Elec	27	0.3	Ea	\$ 5.51	\$ 9.21	\$ -	\$ 14.72	\$ 25.53	\$ 27.63
1B	26	T	F	001T	3	262726203110			Wall plate, brown plastic, 1 gang	1 Elec	80	0.1	Ea	\$ 0.41	\$ 3.11	\$ -	\$ 3.52	\$ 1.23	\$ 9.33
					002	Room 103-Information Desk Area													
2A	09	F	F	002F	500.04	090505200580			Carpet tile, permanent adhesive, removal	2 Clab	1050	0.01	S.F.	\$ -	\$ 0.16	\$ -	\$ 0.16	\$ -	\$ 80.01
2A	09	F	F	002F	55.55	090513100100			Carpet tile, tufted nylon, hard back, 20 oz, 18" x 18"	1 Tir	80	0.1	S.Y.	\$ 26.53	\$ 2.50	\$ -	\$ 29.03	\$ 1,474.01	\$ 138.90
2B	12	F	F	002F	1	USER DEFINED			Move, Repair, Clean And Disinfect Desk (not Specified)				EA	\$ 800.00	\$ 1,000.00	\$ -	\$ 1,800.00	\$ 800.00	\$ 1,000.00
2C	09	T	F	002T	59.45	090505200580			Flooring demolition, vinyl or rubber cove base, straight section	1 Clab	1000	0.01	L.F.	\$ -	\$ 0.15	\$ -	\$ 0.15	\$ -	\$ 13.42
2C	09	T	F	002T	59.45	090513130700			Wall base, vinyl, straight or cove, standard colors, 4" high, 1/8" thick	1 Tir	315	0.03	L.F.	\$ 1.32	\$ 0.54	\$ -	\$ 1.86	\$ 115.07	\$ 57.25
					003	Room 104-Magazine Area													
3A	26	F	F	003F	2.25	260505101540			Wire, THHN-THWN-THHN, #12, electrical demolition, removed from in place conduit, to 15' high	1 Elec	55	0.14	C.L.F.	\$ -	\$ 4.50	\$ -	\$ 4.50	\$ -	\$ 10.13
3A	26	F	F	003F	2.25	260519900030			Wire, copper solid, 600 volt, #12, type THWN, in conduit	1 Elec	11	0.70	C.L.F.	\$ 11.40	\$ 22.50	\$ -	\$ 33.90	\$ 25.55	\$ 50.53
3A	26	F	F	003F	3	260505101780			Receptacle & switch plates, electrical demolition, removal	1 Elec	257	0.03	Ea	\$ -	\$ 0.96	\$ -	\$ 0.96	\$ -	\$ 2.55

Permanent Work - Force Account Data

Force Account Labor – Your employees

Force Account Equipment – Your owned equipment

Force Account Materials – Your materials from stock or purchased for the disaster

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Compliance

2 CFR 200

05

- > *Verification by Consolidated Resource Center (CRC)*
- > *Audits*
- > *How the new delivery model helps*

Procurement Compliance

> Contract Types

- Time and Material limited
- No cost plus % of cost contracts
- No piggyback contracts
- Prepositioned contracts

> Procurement Documentation

- Cost/Price Analysis
- Debarment check

> MWBE Compliance

> Local vs Federal guidelines

Audits: What to Expect

- > Timeline
- > Document Retention
- > Presenting Data to the auditors
- > How to effectively gather information
- > Audit findings meeting
- > Drafting a response to Audit findings
- > Addressing additional RFIs from State and FEMA
- > Appeals

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Funding!!

You made it!

06

- > Prepare for the next disaster beforehand*
 - Training*
 - Prepositioned Contracts*
 - Procurement Policies*
 - Standard Operating Procedures*

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